



Amino Acid Sequence of Thymosin β_4 and other β -Thymosins

	5	10	15	20	25	30	35	40	
HELIX.....				HELIX....			
T β_4	ac-SDKP DMAEI EKFDK SKLKK TETQE KNPLP SKETI EQEKQ AGES								SEQ ID NO: 2
T β_4 Ala	ac-ADKP DMAEI EKFDK SKLKK TETQE KNPLP SKETI EQEKQ AGES								SEQ ID NO: 3
T β_4 Xen	ac-SDKP DMAEI EKFDK AKLKK TETQE KNPLP SKETI EQEKQ STES								SEQ ID NO: 4
T β_9	ac-ADKP DLGEI NSFDK AKLKK TETQE KNTLP TKETI EQEKQ AK								SEQ ID NO: 5
T β_9 Met	ac-ADKP DMGEI NSFDK AKLKK TETQE KNTLP TKETI EQEKQ AK								SEQ ID NO: 6
T β_{10}	ac-ADKP DMGEI ASFDK AKLKK TETQE KNTLP TKETI EQEKQ SEIS								SEQ ID NO: 7
T β_{11}	ac-SDKP NLEEV ASFDK TKLKK TETQE KNPLP TKETI EQEKQ AS								SEQ ID NO: 8
T β_{12}	ac-SDKP DLAEV SNFDK TKLKK TETQE KNPLP TKETI EQEKQ ATA								SEQ ID NO: 9
T β_{12} perch	ac-SDKP DISEV TSFDK TKLKK TETQE KNPLP SKETI EQEKQ AATS								SEQ ID NO: 10
T β_{13}	ac-ADKP DMGEI ASFDK AKLKK TETQE KNTLP TKETI EQEKQ AK								SEQ ID NO: 11
T β_{14}	ac-SDKP DISEV SSFDK TKLKK TETAE KNTLP TKETI EQELT A								SEQ ID NO: 12
T β_{15}	ac-SDKP DLSEV ETFDK SKLKK TNTEE KNTLP SKETI EQEKE YNQRS								SEQ ID NO: 13
T β scallops	ac-SDKP FVSEV ANFDK SKLKK TETAE KNTLP TKETI EQEKE A								SEQ ID NO: 14
T β sea urch	ac-ADKP DVSEV STFDK SKLKK TETQE KNTLP TKETI EQEKQ G								

FIG. 11a